

PATENT

Attorney Docket No. 186813/DJB/MFK
Application No. 10/542,280

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Ian Orde Michael Jacobs

Application No. 10/542,280

Filed: July 15, 2005

For: **Methods, Compositions and Blends
for Forming Articles Having
Improved Environmental Stress
Crack Resistance**

Art Unit: **Not Assigned**

Examiner: **Not Assigned**

Docket No.: **186813/US/DJB/MFK**

Certificate of Mail (37 C.F.R. § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal service on the date shown below with sufficient postage as first class mail in an envelope addressed Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Apr. 26, 2005

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 C.F.R. 1.98 and pursuant to Applicant's continuing duty under 37 C.F.R. 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention. The Examiner's attention is directed to the reference(s) cited on the accompanying substitute for form PTO-1449A/PTO. Except for U.S. Patents and U.S. Patent Application Publications, see 37 C.F.R. § 1.98(a)(2)(i), copies of the cited references are enclosed, unless otherwise noted below. It is further understood that the Examiner will also consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. M.P.E.P. § 609 (I)(A)(2).

Applicant makes no representation that a search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material to patentability. The filing of this Information

INFORMATION DISCLOSURE STATEMENT

4816-8598-6304\1

- 1 -

The PTO did not receive the following listed item(s). The reference with the mark * indicated in form 1449.

Disclosure Statement shall not be construed as an admission against interest in any manner.
Notice of January 9, 1992, 11 O.G. 13-25, at 25.

This Information Disclosure Statement is being filed within three months of the filing date of a national application other than a continued prosecution application, within three months of the date of entry of a national stage, before the mailing date of a first Office action on the merits, or before the mailing date of a first Office action after the filing date of request for continued examination. 37 C.F.R. § 1.97(b). No fee is required.

Further, in accordance with the provisions of 37 C.F.R. § 1.98(a)(3) and MPEP § 609(III)(A)(3), Applicant submits that references no. A48-A51 and A53 are not in the English language and directs the Examiner's attention to the English language abstracts of same and the English language search report enclosed herewith for a concise statement as to its relevance.

Further, in accordance with the provisions of 37 C.F.R. § 1.98(a)(3) and MPEP § 609(III)(A)(3), Applicant submits that reference no. A52 is not in the English language and submits the following concise statements as to their relevance:

Japanese Patent Application No. 54-022,281 discloses a fruit tray made of a thermoplastic foam base having a thin layer of ascorbic acid and erythorbic acid (or one of their alkali metal salts) on the face indentations in the tray upon which the fruit is to be placed.

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The Commissioner is hereby authorized to charge any underpayment of the following fees associated with this communication, including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 50-2319 (Matter No. 461124-00101; Docket No. 186813/DJB/MFK).

Respectfully submitted,

Date: 4/26/06

By: Michael F. Kolman
Michael F. Kolman, Reg. No. 54,234
/for/ David J. Brezner, Reg. No. 24,774

Enclosures:
Form PTO/SB/8A, Substitute for form 1449
42 cited references; and
Return Postcard.

DORSEY & WHITNEY LLP
555 California Street
Suite 1000
San Francisco, California 94104-1513
Telephone: (415) 781-1989 Facsimile: (415) 398-3249

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete in <u>one</u> sheet	
				Application Number	10/542,280
				Filing Date	July 15, 2005
				First Named Inventor	Ian Orde Michael Jacobs
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	1	of	4	Attorney Docket Number	186813/US/DJB/MFK (461124-00101)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,015,511	05-14-1991	Treybing et al.	
	A2	5,021,515	06-04-1991	Cochran et al.	
	A3	5,075,362	12-24-1991	Hofeldt et al.	
	A4	5,089,323	02-18-1992	Nakae et al.	
	A5	5,116,660	05-26-1992	Komatsu et al.	
	A6	5,143,769	09-01-1992	Moriya et al.	
	A7	5,153,038	10-06-1992	Koyama et al.	
	A8	5,159,005	10-27-1992	Frandsen et al.	
	A9	5,194,478	03-16-1993	Frandsen et al.	
	A10	5,211,875	05-18-1993	Speer et al.	
	A11	5,278,272	01-11-1994	Lai et al.	
	A12	5,281,679	01-25-1994	Jejelowo et al.	
	A13	5,293,766	03-15-1994	Chang	
	A14	5,350,807	09-27-1994	Pettijohn et al.	
	A15	5,399,289	03-21-1995	Speer et al.	
	A16	5,492,742	02-20-1996	Zenner et al.	
	A17	5,539,076	07-23-1996	Nowlin et al.	
	A18	5,594,080	01-14-1997	Waymouth et al.	
	A19	5,641,825	06-24-1997	Bacsikai et al.	
	A20	5,686,528	11-11-1997	Willis et al.	
	A21	5,834,079	11-10-1998	Blinka et al.	
	A22	5,910,523	06-08-1999	Hudson	
	A23	5,952,066	09-14-1999	Schmidt et al.	
	A24	6,084,030	07-04-2000	Janssen et al.	
	A25	6,248,279	06-19-2001	Walsh	
	A26	6,254,804	07-03-2001	Matthews et al.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete in <i>known</i>	
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Examiner Name	To be assigned				
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U.S. PATENT DOCUMENTS					
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	A27	6,274,210	08-14-2001	Ebner et al.	
	A28	6,339,121	01-15-2002	Rafailovich et al.	
	A29	6,355,736	03-12-2002	Nakashima et al.	
	A30	6,355,757	03-12-2002	Garcia-Franco et al.	
	A31	6,423,776	07-23-2002	Akkapeddi et al.	
	A32	6,437,050	08-20-2002	Krom et al.	
	A33	6,444,735	09-03-2002	Eckel et al.	
	A34	6,462,122	10-08-2002	Qian et al.	
	A35	6,525,157	02-23-2003	Cozewith et al.	
	A36	U.S. 08/857,276			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^a
	A37	EP 0004651	03-30-1979	Union Carbide Corp.		
	A38	EP 0301719	02-01-1989	MB Group		
	A39	EP 0380319	08-01--1990	CMB Foodcan Plc		
	A40	EP 0519616	05-19-1982	Crosby Valve & Gage Company		
	A41	EP 100843	02-22-01984	Phillips Petroleum Company		
	A42	EP 1217033 A2/A3	06-26-2002	Eastman Kodak Company		
	A43	EP 533154	03-24-1993	Phillips Petroleum Company		
	A44	EP 533155	03-24-1993	Phillips Petroleum Company		
	A45	EP 533156	03-24-1993	Phillips Petroleum Company		
	A46	EP 533160	03-24-1993	Phillips Petroleum Company		
	A47	GB 2139551	11-14-1984	Aoki		
	A48	JP 07316355	12-05-1995	Tosoh Corp		

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	A49	JP 07316365	12-05-1995	Mitsui Petrochemical Ind		
	A50	JP 07330982	12-19-1995	Tosoch Corp		
	A51	JP 11-001580	01-16-1999	Ube Ind. Ltd.		
	A52	JP 54-022281	02-20-1979	Sekisui Plastics		
	A53	JP 61-238836	10-24-1986	Dainichiseika Color Chem		
	A54	WO 90/00504	01-25-1990	Haustrup Plastic		
	A55	WO 90/00578	01-25-1990	Haustrup Plastic		
	A56	WO 95/02616 A2/A3	01-26-1995	Chevron Research and Technology Company		
	A57	WO 96/40799	12-19-1996	Chevron Chemical Company		
	A58	WO 97/07161	02-27-1997	Minnesota Mining and Manufacturing Company		
	A59	WO 97/44364	11-27-1997	Bowers et al.		
	A60	WO 98/46409	10-22-1998	Jacobs		
	A61	WO 98/51758	11-19-1998	Chevron Chemical Company		
	A62	WO 98/51759	02-18-1999	Bayer Aktiengesellschaft		
	A63	WO 99/07782	02-18-1999	Bayer Aktiengesellschaft		
	A64	WO 99/29749	06-17-1999	Exxon Mobil		
	A65	WO 99/52950	10-21-1999	Rieger		
	A66	WO 99/52955	10-21-1999	Rieger		
	A67	WO 00/09310	02-24-2000	Magna International of America, Inc.		
	A68	WO 00/01766	01-13-2000	Exxon Chemical Patents Inc.		
	A69	WO 01/48080	07-05-2001	The Dow Chemical Company		
	A70	WO 01/072511	10-04-2001	Mazda Motor Corp.		
	A71	WO 01/27169	04-19-2001	Procter & Gamble Company		
	A72	WO 02/074817 A2/A3	09-26-2002	The Dow Chemical Company		

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	A73	WO 02/079318 A2/A3	10-10-2002	Pachmas Metal Plastic & Fibre Industries		
	A74	WO 03/039639 A2/A3	05-15-2003	Becton, Dickinson & Co.		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
	A75	Bohm et al., "High-Density Polyethylene Pipe Resins," Adv. Matter. 4, 1992, 234-238.				
	A76	Cini et al. "Five-Coordinated Metal Complexes of Bis(2-hydroxy-1-naphthylindeneimine-3-propyl)-amine and their Reactivity Towards Dioxygen. Part I. An Electrochemical Investigation on Manganese (II), Iron(II), Cobalt(II), Nickel(II) and Copper(II) Complexes," Inorganica Chim. Acta 1984, vol. 88, pp. 105-113				
	A77	Hauptman et al., "Stereoblock Polypropylene: Ligand Effects on the Stereospecificity of 2-Arylindene Zirconocene Catalysts." Journal of American Chemical Society, Vol. 117, pp. 11586, 1995.				
	A78	Zanello et al. "Electrochemical Behavior of a Series of Iron(II) Nickel(II) and Copper(II) Complexes with Linear Pentadentate Schiff-Base Ligands," Inorganica Chim. Acta 1983, vol. 74, pp. 89-95				

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